

An Improved Explicit Profile Matching In Mobile Social Networks

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ABSTRACT

"Fully Anonymous Profile Matching In Mobile Social Networks" is a project Privacy preservation is a significant research issue in social networking. Here user profile matching with their interest of privacy-preservation in mobile social networks (MSNs) so most of the family profiles matching with Two different protocols are used. i.e ; Icpm & Ecpm. An explicit Comparison-based Profile Matching protocol (eCPM) which runs between two parties, an initiator and a responder is proposed which enables the initiator to obtain the comparison-based matching result about a specified attribute in their profiles, while preventing their attribute values from disclosure. An implicit Comparison-based Profile matching protocol (iCPM) is then proposed which allows the initiator to directly obtain some messages instead of the comparison result from the responder

Keywords: Mobile social network, profile matching, privacy preservation, Icpm, Ecpm

I. INTRODUCTION

Mobile Social networking is where individuals with similar interests connect with each other through their mobile/tablet. They form virtual communities. For example Facebook, Twitter, LinkedIn etc. What makes social network sites unique is not that they allow individuals to meet strangers, but rather that they enable users to articulate and make visible their social networks. On many of the large SNSs, participants are not necessarily "networking" or looking to meet new people; instead, they are primarily communicating with people who are already a part of their extended social network. To emphasize this articulated social network as a critical organizing feature of these sites, we label them "social network sites." some web-based SNSs support limited mobile interactions (e.g., Facebook, MySpace, and Cyworld). Mobile Social Networks is a means of transmitting information (communicating) using a Mixture of voice and data devices over networks including cellular technology and elements of private and public IP infrastructure (such as the Internet). Mobile Social Networks refers to all of the enabling elements necessary for the contribution (Posting & Uploading) and consumption (Viewing & Experiencing) of social media across a mobile network.

Profile Matching: Profile matching means two users comparing their personal profiles

II. RELATED WORK

2. I Existing System with Drawbacks

Privacy preservation is a significant research issue in social networking. The social networking platforms are extended into the mobile environment, users require more extensive privacy-preservation because they are Unfamiliar with the neighbors' in close vicinity who may store, and correlate their personal information at different time periods and locations. Once the personal information is correlated to the location information, the behaviour of users will be completely disclosed to the public. To overcome the privacy violation in MSNs, many privacy enhancing techniques have been adopted into the MSN applications.

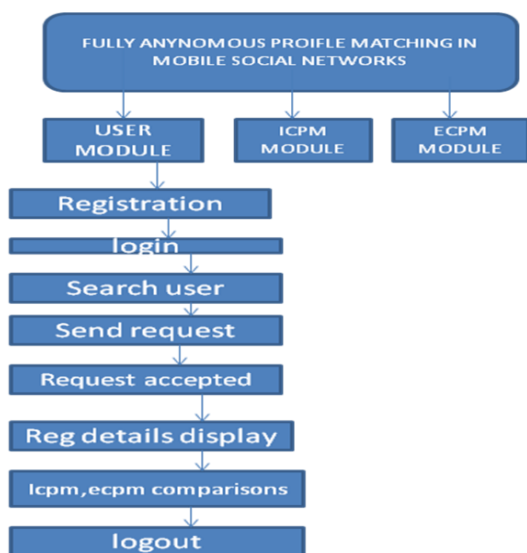
PHP:

PHP, one of the Web's most popular programming languages. PHP was running on more than 20 million Web servers in July 2007. At the time of writing, it's the fourth most popular programming language in the world. PHP means personal home page or Hypertext pre processor. It is widely used in server side scripting languages. Php is executed on the server. PHP files can contain texts, Java Script, CSS, PHP code the code is executed on the server, and the result is returned to the browser as plain HTML. The PHP Extension is ". php".

2.2 Proposed System with Features

We first propose an explicit Comparison-based Profile Matching protocol (eCPM) which runs between two parties, an initiator and a responder. The eCPM enables the initiator to obtain the comparison-based matching result about a specified attribute in their profiles, while preventing their attribute values from Disclosure. We then propose an implicit Comparison-based Profile Matching protocol (iCPM) which allows the initiator to directly obtain some messages instead of the comparison result from the responder. The messages unrelated to user profile can be divided into multiple categories by the responder. The initiator implicitly chooses the interested category which is unknown to the responder. Two messages in each category are prepared by the responder, and only one message can be obtained by the initiator according to the comparison result on a single attribute.

III. SYSTEM ARCHITECTURE



IV. MODULES

The Following modules are :

1. User
2. Explicit Comparison-based Profile matching (eCPM) Module
3. Implicit Comparison-based Profile matching (iCPM) Module
4. Privacy Preserving Module

1. User:

First User have to register in Registration page, attribute page & secret page and then login. User search for the another user then a request will be send to that particular person. If that person accepts the request then user can view there details.

2. ECPM:

Attribute, the eCPM allows the initiator to know the comparison result, i.e., whether the initiator to obtain the comparison based matching result about the specified attribute values in their profile Due to the exposure of the comparison result, user profile will be leaked and linked in some conditions.

3. ICPM:

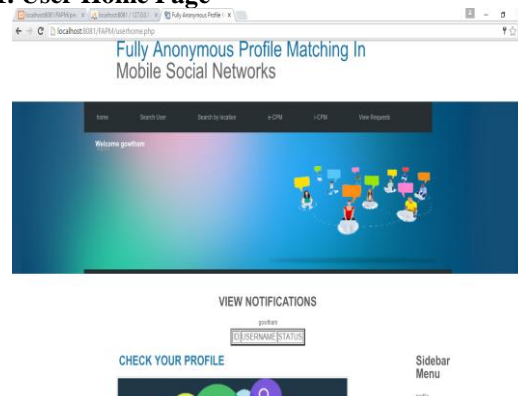
An Initiator and a responder proposed which allows the initiator directly obtain some messages instead of the comparison result from the responder.

4. Privacy Preserving:

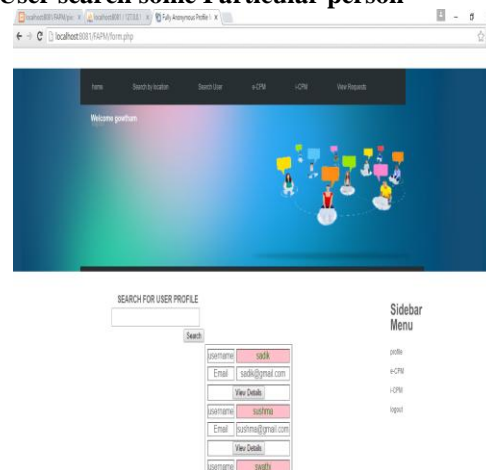
Privacy preservation is a significant research issue in social networking. Since more personalized information is shared with the public, violating the privacy of a target user become much easier.

V. RESULTS

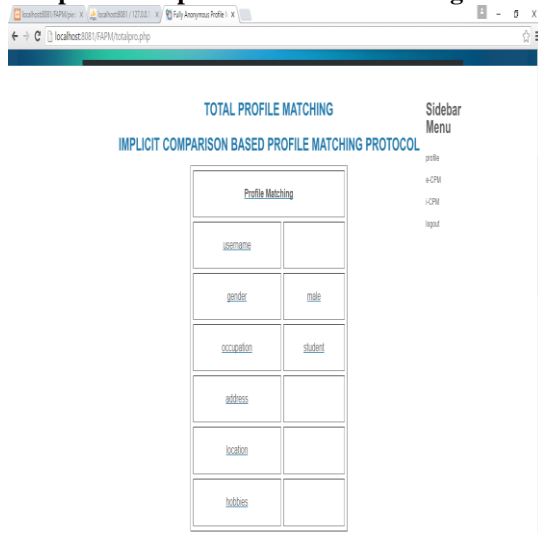
1. User Home Page



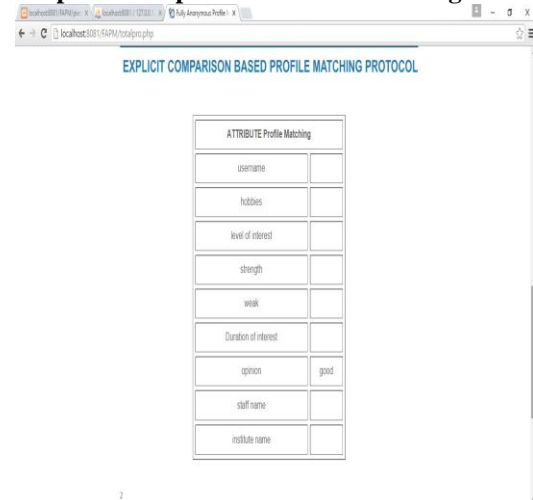
2. User search some Particular person



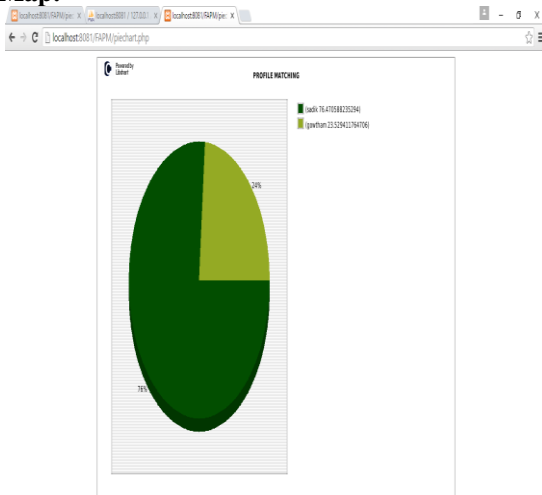
3. Implicit Comparison Profile Matching



4. Explicit Comparison Profile Matching



5. By Using Icpm & Ecpm Fields we generate Map:



VI. CONCLUSION

The fully anonymous profile matching in mobile social networks should match to the registered Profile. As we Implemented 2 protocols ICPM & ECPM. Main objective of our project is to give security while logging into websites .we can also search the profile based on location bases. It is not limited upto mobile networks has wide implementation is social networking sites.

VII. FUTURE SCOPE

The scope of fully anonymous profile matching in mobile social networks is a secure process, this type of project is not implemented yet. So, if this project is implemented in Social Networking websites then, it maintains a high Secure process from the Hackers. Moreover In future it is implemented wide area applications like Crime Theft Mainly in military etc.

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